## SEQUENCE LISTING

_	(1)	GENE	RAL	INFC	RMAT	: NOI										
5		(i)		LICA		<b>7</b> 1			,							
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15		(ii)	TIT	LTE C	F IN	IVENT	: NOI	Coc	cidi	osis.	vac	cine	es			
	(	(iii)	NUM	IBER	OF S	EQUE	ENCES	8: 4]	L							
	•	(iv)	COM	IPUTE	R RE	EADAE	LE F	ORM:								
20			(P	A) ME	DIUM	TYF	E: F	lopp	y di	sk						
			(E	3) CC	MPUT	ER:	IBM	PC c	ompa	tibl	.e					
			(0	) OF	ERAT	ING	SYSI	EM:	PC-D	os/M	IS-DC	S				
			(E	) SC	FTWA	RE:	Pate	ntIn	Rel	ease	#1.	0, V	ersi	on #	1.30	(EPO
25																
	(2)	INFO	RMAT	CION	FOR	SEQ	ID N	10: 1	:							
		(i)	SEC	UENC	Е СН	ARAC	TERI	STIC	!S:							
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30				) TY												
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			(D	) TO	POLO	GY:	line	ar								
		(ii)	MOL	ECUL	E TY	PE:	prot	ein								
35																
		(v)	FRA	GMEN	T TY	PE:	inte	rnal	•							
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40		(xi)	SEÇ	QUENC	E DE	SCRI	PTIC	N: S	EQ I	D NC	: 1:					
	Mot	Dro	Dhe	Glu	Len	Pro	Pro	Leu	Pro	Tvr	Pro	Met	Asp	Ala	Leu	Glu .
	1	PIU	PIIC	Giu	5	110	1.0			10			-		15	
45									•							
	Pro	Tyr	Ile	Ser	Lys	Glu	Thr	Leu	Glu	Tyr	His	Tyr	Gly	Lys	His	His
		•		20	_				25					30		
	71-	77.	TT- ***	นาไ	λen	Δen	Len	Asn	Ara	Leu	Val	Glu	Glv	Lys	Pro	Glu
50	Ala	AId	35	vai	ASII	ADII	ДСИ	40					45	•		
,																_
	Ala	Ser	Lys	Ser	Leu	Glu	Glu	Ile	Ile	Lys	Thr		Ser	Gly	Ser	Val
		50					55					60				
<i></i>			<b>3</b>	n 7 -	<b>a</b> 1	~1×	- ות	Trp	Δον	ніс	Thr	Phe	Tvr	Tro	Lve	Ser
55		Asn	Asn	Ala	стλ	70	MIG	тър	woll	1113	75	. 110	-1-		-1-	80
	65															
	Met	Arg	Pro	Ala	Ser	Ala	Gly	Gly	Pro	Pro	Gly	Ala	Pro	Gly	Gly	Gly

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					85					90					95	
	Pro	Pro	Gly	Ala 100	Pro	Gly	Ala	Pro	Leu 105	Arg	Glu	Glu	Leu	Glu 110	Ser	Ala
5	Phe	Gly	Gly 115	Val	Glu	Lys	Phe	Arg 120	Glu	Ala	Phe	Ala	Ala 125	Ala	Ala	Ala
10	Ala	His 130	Phe	Gly	Ser	Gly	Trp 135	Ala	Trp	Leu	Cys	Phe 140	Cys	Lys	Lys	Ser
	Arg 145	Ser	Leu	Phe	Leu	Leu 150	Gln	Thr	His	Asp	Gly 155	Ala	Thr	Pro	Phe	Arg 160
15	Asp	Asn	Pro	Asn	Cys 165	Ala	Pro	Leu	Leu	Thr 170	Cys	Asp	Leu	Trp	Glu 175	His
	Ala	Tyr	Tyr	Ile 180	Asp	Arg	Arg	Asn	Asp 185	Arg	Lys	Ser	Tyr	Leu 190	Asp	Ala
20	Trp	Trp	Ser 195	Val	Val	Asn	Trp	Asp 200	Phe	<sub>(</sub> Ala	Asn	Glu	Asn 205	Leu	Lys	ГÀЗ
25	Ala	Met 210	Gln	Gly	Ser	Asp										
	(2)	INF	ORMA	TION	FOR	SEQ	ID	NO:	2:							
30		(i	(	QUEN A) L B) T	ENGT	H: 1	CTER 3 am no a	ino	CS: acid	.s						
35			(	C) S D) T	TRAN	DEDN	ESS:	sin	gle							
55				LECU												
40		``	,													
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45	Lei	u Gly	y Pro	o Lev	ı Ala	a Let 5	u Pro	o Lei	u Le	u Ala	a As <sub>l</sub>	o Vai	l Ar	3		
50	(2			OITA												
		(	i) S	EQUE (A)	NCE LENG	CHAR TH:	ACTE 223	RIST amin	ICS:	ids						

(B) TYPE: amino acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

55

## (v) FRAGMENT TYPE: internal

5		(xi)	SEÇ	UENC	E DE	SCRI	PTIC	N: S	EQ I	D NC	): 3:					
	Met 1	Pro	Leu	Asn	Leu 5	Gly	Asp	Ser	Phe	Pro 10	Asp	Phe	Gln	Ala	Glu 15	Ala
10	Leu	Gly	Ala	Glu 20	His	Phe	Arg	Leu	His 25	Glu	Tyr	Leu	Gly	Asp 30	Ser	Trp
15	Gly	Val	Met 35	Phe	Ser	His	Pro	Asn 40	Asp	Phe	Thr	Pro	Val 45	Cys	Thr	Thr
•	Glu	Leu 50	Ala	Glu	Ala	Val	Lys 55	Leu	Gln	Asp	Ser	Phe 60	Thr	Lys	Lys	Asn
20	Cys 65	Lys	Leu	Val	Gly	Phe 70	Ser	Cys	Asn	Asp	Leu 75	Gln	Ser	His	Arg	Glu 80
	Trp	Ala	Lys	Asp	Ile 85	Met	Ala	Tyr	Ala	Gly 90	Arg	Ser	Gly	Asn	Leu 95	Pro
25	Phe	Pro	Leu	Val 100	Cys	Asp	Pro	Asn	Arg 105	Glu	Leu	Ala	Ala	Ser 110	Leu	Gly
30	Ile	Met	Asp 115	Pro	Ala	Glu	Lys	Asp 120	Lys	Lys	Gly	Leu	Pro 125	Leu	Thr	Cys
	Arg	Cys 130	Val	Phe	Phe	Ile	Ser 135	Pro	Glu	Lys	Гуз	Leu 140	Ala	Ala	Ser	Ile
35	Leu 145	Tyr	Pro	Ala	Thr	Thr 150	Gly	Arg	Asn	Phe	Ala 155	Glu	Ile	Leu	Arg	Val 160
10	Leu	Asp	Ser	Leu	Gln 165	Leu	Thr	Ala	Lys	Phe 170	Pro	Val	Ala	Thr	Pro 175	Val
40				180				•	185					Leu 190		
45	Glu	Glu	Ala 195		Arg	Leu	Leu	200	Lys	Gly	His	Glu	Ala 205	Leu	Gln	Lev
	Pro	Ser 210		Lys	Pro	Tyr	Leu 215	a Arg	Leu	Thr	Pro	220	Pro	Arg	Gly	•
50	(2	!) II	1FORM	(TATIO	N FO	OR SE	EQ II	ONO:	4:							
55		( :		EQUEN (A) I (B) :	LENG' LYPE	TH: 3	l5 ar ino a	mino acid	acio	ls						

(D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: protein
          (v) FRAGMENT TYPE: internal
 5
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
          Met Ser Pro Ser Pro Ala Gly Val Ala Glu Tyr Leu Ala Ser Leu
10
     (2) INFORMATION FOR SEQ ID NO: 5:
          (i) SEQUENCE CHARACTERISTICS:
15
               (A) LENGTH: 16 amino acids
               (B) TYPE: amino acid
               (C) STRANDEDNESS: single
               (D) TOPOLOGY: linear
20
         (ii) MOLECULE TYPE: protein
          (v) FRAGMENT TYPE: internal
25
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
          Asn His Ala Glu Phe Asp Pro Ser Gln Thr Glu Val Val Phe Pro
30
                                               10
     (2) INFORMATION FOR SEQ ID NO: 6:
35
          (i) SEQUENCE CHARACTERISTICS:
               (A) LENGTH: 20 amino acids
               (B) TYPE: amino acid
               (C) STRANDEDNESS: single
               (D) TOPOLOGY: linear
40
         (ii) MOLECULE TYPE: protein
          (v) FRAGMENT TYPE: internal
45
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
50
          Val Asp Ser Phe Thr Pro Ser Val Gly Cys Val Phe Ala Gly Met Pro
                                               10
           Ala Asp Phe Arg
55
      (2) INFORMATION FOR SEQ ID NO: 7:
```

5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
10		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:	
15	GTAAATTGGG ACTTCGC	17
13	(2) INFORMATION FOR SEQ ID NO: 8:	
20	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
25	(ii) MOLECULE TYPE: DNA (genomic)	
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: GTAAACTGGG ACTTCGC	1
	(2) INFORMATION FOR SEQ ID NO: 9:	
35	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs	
40	(B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (genomic)	
	•	
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:	
	GTAAATTGGG ACTTCGC	17
50	(2) INFORMATION FOR SEQ ID NO: 10:	
55	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	

5	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:	
	GTAAACTGGG ACTTCGC	17
	(2) INFORMATION FOR SEQ ID NO: 11:	
10	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 17 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: double</li></ul>	
15	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (genomic)	
20		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:	
	GTTAATTGGG ACTTCGC	17
25	(2) INFORMATION FOR SEQ ID NO: 12:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:	
40	GTTAACTGGG ACTTCGC	17
	(2) INFORMATION FOR SEQ ID NO: 13:	
45	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> </ul>	
50	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (genomic)	
55	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:	
	(XI) PEGODINCE PROCESTITION - THE	

GTTAATTGGG ACTTCGC

	(2) INFORMATION FOR SEQ ID NO: 14:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
15	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:	
	GTTAACTGGG ACTTCGC	17
20	(2) INFORMATION FOR SEQ ID NO: 15:	
25	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 17 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: double</li><li>(D) TOPOLOGY: linear</li></ul>	
23	(ii) MOLECULE TYPE: DNA (genomic)	
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:	
	GERGAN TIMEGES A CHITITION	17
35	GTGAATTGGG ACTTTGC  (2) INFORMATION FOR SEQ ID NO: 16:	1,
40	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
45	(ii) MOLECULE TYPE: DNA (genomic)	,
50	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:	17
	(2) INFORMATION FOR SEQ ID NO: 17:	
55	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs  (B) TYPE: nucleic acid	

(C) STRANDEDNESS: double

	(D) TOPOHOSI: Timear	
•	(ii) MOLECULE TYPE: DNA (genomic)	
5	·	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:	
10	GTGAATTGGG ACTTTGC	17
	(2) INFORMATION FOR SEQ ID NO: 18:	
15	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
20	(ii) MOLECULE TYPE: DNA (genomic)	
	, , , , , , , , , , , , , , , , , , ,	
25	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:	
	GTGAACTGGG ACTTTGC	17
30	(2) INFORMATION FOR SEQ ID NO: 19:	
50	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 17 base pairs</li><li>(B) TYPE: nucleic acid</li></ul>	
35	(C) STRANDEDNESS: double (D) TOPOLOGY: linear	
, ,	(ii) MOLECULE TYPE: DNA (genomic)	
	(11) Modecodd 1111. Dan (genemic)	
40	•	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:	
15	GTCAATTGGG ACTTTGC	17
45	(2) INFORMATION FOR SEQ ID NO: 20:	
	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 17 base pairs	
50	(B) TYPE: nucleic acid	
	<ul><li>(C) STRANDEDNESS: double</li><li>(D) TOPOLOGY: linear</li></ul>	
55	(ii) MOLECULE TYPE: DNA (genomic)	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:	
	GTCAACTGGG ACTTTGC	17
5	(2) INFORMATION FOR SEQ ID NO: 21:	
10	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: double  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (genomic)	
15		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:	17
20	GTCAATTGGG ACTTTGC	
	(2) INFORMATION FOR SEQ ID NO: 22:	
25	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
30	(ii) MOLECULE TYPE: DNA (genomic)	
35	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:	17
	GTCAACTGGG ACTTTGC	
40	(2) INFORMATION FOR SEQ ID NO: 23:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs	
45		
	(ii) MOLECULE TYPE: DNA (genomic)	
50		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:	17
	GTAAATTGGG ATTTCGC	17
55	(2) INFORMATION FOR SEQ ID NO: 24:	
	(i) SEOUENCE CHARACTERISTICS:	•

	<ul><li>(A) LENGTH: 17 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: double</li><li>(D) TOPOLOGY: linear</li></ul>	
5	(ii) MOLECULE TYPE: DNA (genomic)	
10	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:	17
	GTAAACTGGG ATTTCGC	1,
15	(2) INFORMATION FOR SEQ ID NO: 25:	
20	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
25		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:	17
30	GTAAATTGGG ATTTCGC	
	(2) INFORMATION FOR SEQ ID NO: 26:	
35	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 17 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: double</li><li>(D) TOPOLOGY: linear</li></ul>	
40	(ii) MOLECULE TYPE: DNA (genomic)	
	•	
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26:	3.77
	GTAAACTGGG ATTTCGC	17
50	(2) INFORMATION FOR SEQ ID NO: 27:	
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 17 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: double</li></ul>	
55	(D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (genomic)	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27:	
5	GTTAATTGGG ATTTCGC	17
	(2) INFORMATION FOR SEQ ID NO: 28:	
10	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
15 20	(ii) MOLECULE TYPE: DNA (genomic)	
20	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28:	
	GTTAACTGGG ATTTCGC	17
25	(2) INFORMATION FOR SEQ ID NO: 29:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29:	
40	GTTAATTGGG ATTTCGC	17
	(2) INFORMATION FOR SEQ ID NO: 30:	
45	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
50	(ii) MOLECULE TYPE: DNA (genomic)	,
55	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 30:	

GTTAACTGGG ATTTCGC

	(2) INFORMATION FOR SEQ ID NO: 31:	
·5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
15	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 31:	17
20	(2) INFORMATION FOR SEQ ID NO: 32:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: double	
25	(D) TOPOLOGY: linear  (ii) MOLECULE TYPE: DNA (genomic)	
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 32: GTGAACTGGG ATTTTGC	17
35	(2) INFORMATION FOR SEQ ID NO: 33:	
40	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
45	(ii) MOLECULE TYPE: DNA (genomic)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 33:	
50	GTGAATTGGG ATTTTGC	17
	(2) INFORMATION FOR SEQ ID NO: 34:	
55	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	

	(ii) MOLECULE TYPE: DNA (genomic)	
5		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 34:	
10	GTGAACTGGG ATTTTGC	17
ıv	(2) INFORMATION FOR SEQ ID NO: 35:	
15	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
20	(ii) MOLECULE TYPE: DNA (genomic)	
2.5	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 35:	
25	GTCAATTGGG ATTTTGC	17
	(2) INFORMATION FOR SEQ ID NO: 36:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 17 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: double</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
40	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 36:	
	GTCAACTGGG ATTTTGC	17
45	(2) INFORMATION FOR SEQ ID NO: 37:	
50	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: double  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (genomic)	
55		

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 37:

																1	١7
	GTCA	ATTG	GG A	rttt(	GC											_	
5	(2) INFORMATION FOR SEQ ID NO: 38:  (i) SEQUENCE CHARACTERISTICS:																
		(i)	(A) (B)	) LE:	NGTH PE :	: 17 nucl	TERI bas eic SS:	e pa acid	irs					•			
10			(D	) ТО	POLO	GY:	line	ar		,							
		(ii)	MOL	ECUL	E TY	PE:	DNA	(gen	.om1C	)							
15		(vi)	SEQ	HENC	E DE	SCRI	PTIO	N: S	EQ I	D NO	: 38	:					
	GMGA		GG. A														17
20			RMAT			SEQ	ID N	iO: 3	9:								
25			SEQ (A (B	UENC ) LE ) TY	E CH NGTH	ARAC : 71	TERI 9 ba eic	STIC se p	S: airs								
			(D	) TO	POLO	GY:	SS: line	ar	16								
30		(ii)	MOL	ECUL	E TY	PE:	CDNA	•									
35	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 39:  atg ccg ttc gaa ctc ccc ccg ctg ccg tac ccc atg gac gcc ctc gag															4.0	
	atg Met 1	ccg Pro	ttc Phe	gaa Glu	ctc Leu 5	ccc Pro	ccg Pro	ctg Leu	ccg Pro	tac Tyr 10	ccc Pro	atg Met	gac Asp	gcc Ala	Leu 15	gag Glu	48
40	ccg Pro	tac Tyr	atc Ile	agc Ser 20	aaa Lys	gag Glu	act Thr	ctc Leu	gag Glu 25	tac Tyr	cac His	tat Tyr	gly ggg	aag Lys 30	cac His	cac His	96
45	gcg Ala	gct Ala	tac Tyr 35	gtg Val	aac Asn	aac Asn	ttg Leu	aac Asn 40	aga Arg	ctc Leu	gtc Val	gag Glu	ggg Gly 45	aag Lys	ccg Pro	gag Glu	144
50	gct Ala	tcc Ser 50	aag Lys	agc Ser	ctg Leu	gag Glu	gaa Glu 55	ata Ile	ata Ile	aag Lys	acc Thr	tcc Ser 60	tcg Ser	gly ggg	tcg Ser	gtg Val	192
	ctg Leu 65	aac Asn	aac Asn	gcg Ala	ggc Gly	cag Gln 70	Ala	tgg Trp	aac Asn	cac His	ácg Thr 75	ttc Phe	tac Tyr	tgg Trp	aag Lys	tcg Ser 80	240
55	atg Met	cgg Arg	ccg Pro	gcc Ala	tcg Ser 85	Ala	Gly	ggc	ccc Pro	ccg Pro 90	GIY	gcc Ala	ccc Pro	ggc Gly	999 95	ggc Gly	288

_	ccc Pro	ccg Pro	Gly 999	gcc Ala 100	ccg Pro	Gly 999	gcc Ala	ccc Pro	ctg Leu 105	cgg Arg	gag Glu	gag Glu	ctg Leu	gag Glu 110	agc Ser	gcg Ala	336	
5	ttc Phe	Gly	ggc Gly 115	gtg Val	gag Glu	aag Lys	ttc Phe	cgg Arg 120	gag Glu	gcc Ala	ttt Phe	gct Ala	gct Ala 125	gct Ala	gct Ála	gct Ala	384	
10	gcg Ala	cac His 130	ttc Phe	ggc Gly	tcg Ser	ggc Gly	tgg Trp 135	gcc Ala	tgg Trp	ctc Leu	tgc Cys	ttc Phe 140	tgc Cys	aag Lys	aag Lys	tcc Ser	432	
15	cgc Arg 145	agc Ser	ctc Leu	ttt Phe	ttg Leu	ctg Leu 150	cag Gln	acc Thr	cac His	gac Asp	ggg Gly 155	gcc Ala	acg Thr	cct Pro	ttc Phe	aga Arg 160	480	
20	gac Asp	aac Asn	ccc Pro	aac Asn	tgc Cys 165	gcg Ala	ccg Pro	ctg Leu	ctc Leu	acc Thr 170	tgc Cys	gac Asp	ctg Leu	tgg Trp	gag Glu 175	cac His	528	
	gcc Ala	tac Tyr	tac Tyr	atc Ile 180	gac Asp	cgc Arg	aga Arg	aac Asn	gac Asp 185	cgc Arg	aag Lys	agc Ser	tac Tyr	ctc Leu 190	gac Asp	gcg Ala	576	
25	tgg Trp	tgg Trp	tct Ser 195	gtg Val	gtg Val	aat Asn	tgg Trp	gac Asp 200	ttc Phe	gcg Ala	aac Asn	gag Glu	aac Asn 205	ttg Leu	aag Lys	aag Lys	624	
30	gca Ala	atg Met 210	cag Gln	gga Gly	agc Ser	gac Asp	tag 215	gcg	gtg	gtg (	gtct	gtggl	eg a	attg	ggac	Ė.	675	
35			cga (							ggaa	gcga	cta					719	
40	(2)	INF	(	QUEN	CE C ENGT YPE: TRAN	HARA H: 2 nuc DEDN	CTER 65 b leic ESS:	ISTI ase aci sin	CS: pair d	s								
45		(ii	) MO						nomi	c)								
50		(xi	.) SE	QUEN	ICE I	ESCF	IPTI	ON:	SEQ	ID N	10: 4	0:	,					
	TTC	CCGG	ATT	TTCA	'GGCG	GA C	GCGC	TGGC	C GC	CCGAG	CACI	TCC	GCTI	rgca	CGAC	TACTT	3	60
	GGG	GAC	AGCT	GGGG	SAGTO	TAE	STTC	AGGTA	AA GA	ATTGO	GCGT	AA A	AAAG	ccc	ATT	raatcg(	С	120
55	ATT	CTTT	TTA	CTGT	ragao	CTC :	rgtg:	rcgao	CT GO	CTGAC	CAC	G AGO	GGGG	GGC	CTG	CTGCAC	G	180
	GG	AGAG	CCTT	GTCT	rcgco	GCT (	CAAC'	rctg(	GG T	rtct(	GCG:	r TG	CTTG	CAGC	CAC	CCGAAC	G	240

	ctg Leu	gac Asp	tct Ser	ctg Leu	cag Gln 165	ctc Leu	act Thr	gcc Ala	aag Lys	ttt Phe 170	cca Pro	gtg Val	gcc Ala	act Thr	cca Pro 175	gtg Val	528
5	gac Asp	tgg Trp	acc Thr	gct Ala 180	GJA aaa	gcc Ala	aaa Lys	tgc Cys	tgc Cys 185	gta Val	gtg Val	ccg Pro	aac Asn	ttg Leu 190	gca Ala	gca Ala	576
10	gaa Glu	gag Glu	gcc Ala 195	caa Gln	agg Arg	ctt Leu	ttg Leu	ccc Pro 200	aaa Lys	ggc Gly	cac His	gag Glu	gcg Ala 205	ctg Leu	cag Gln	ctg Leu	624
15	cct Pro	tcg Ser 210	gly ggg	aag Lys	cct Pro	tac Tyr	ctg Leu 215	cgg Arg	ctc Leu	acc Thr	cca Pro	gac Asp 220	ccc Pro	agg Arg	ggc Gly	tga	672